

Test Report of Governors, Safety Devices, Oil Buffers, Relief Valves, and Firefighter's Emergency Operation

Michigan Department of Labor & Economic Growth

Bureau of Construction Codes & Fire Safety

Elevator Safety Division

P.O. Box 30254, Lansing, MI 48909

517/241-9337

DO NOT SUBMIT WITHOUT
STATE SERIAL NUMBER

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Authority: 1967 PA 227
Completion: Mandatory
Penalty: \$50.00

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YOU MUST COMPLETE THIS FORM AND RETURN IT TO THE ABOVE ADDRESS WITHIN 10 DAYS OF THE TEST IN ORDER TO RETAIN AUTHORIZATION TO PERFORM THE TESTS, AS REQUIRED BY ASME A17.1, SECTIONS 8.10 AND 8.11 AND R 408.7007

ELEVATOR LOCATION (BUILDING NAME)		LOCATION (ADDRESS)		CITY	ZIP CODE
TYPE OF ELEVATOR BEING TESTED PASSENGER FREIGHT OTHER _____		MACHINE TYPE CABLE DIRECT PLUNGER HYDRAULIC ROPED HYDRAULIC		TYPE OF SAFETY BEING TESTED A BROKEN ROPE B RELIEF VALVE C PLUNGER	
LOCATION OF SAFETY DEVICES SAFETY PLANK COUNTERWEIGHT CROSSHEAD CYLINDER		GUIDE RAIL THICKNESS	DISTANCE BETWEEN RAIL GRIPPING FACES OF SAFETY PARTS	TYPE AND NUMBER OF BUFFERS CAR _____ COUNTERWEIGHT _____	
REQUIRED GOVERNOR, BUFFER, CARRIER AND RELIEF VALVE SEALS AND TAGS AFFIXED IN ACCORDANCE WITH THE CODE			YES NO	CAPACITY _____ LBS	RATED SPEED _____ FPM

SECTION 8.11.2.2 NO LOAD SAFETY TEST FOR GOVERNORS, SAFETIES AND OIL BUFFERS - REQUIRED EVERY 12 MONTHS

1.	CABLE LEAVING THE SAFETY DRUM _____ INCHES	GOVERNOR JAWS DROP OF OWN WEIGHT WHEN LATCH WAS RELEASED		YES	NO
	TURNES REMAINING ON DRUM	ALL PARTS OF GOVERNOR AND SAFETY PERFORM THE FUNCTIONS FOR WHICH INTENDED		YES	NO
	CAR AND COUNTERWEIGHT TESTED PER SECTION 8.11.2.2.1		YES	NO	

SECTION 8.11.2.3 RATED LOAD SAFETY TEST FOR GOVERNOR AND SAFETIES - REQUIRED EVERY 5 YEARS

2.	*SAFETY TESTED BY OBTAINING SLACK IN HOIST CABLES		TRIPPING GOVERNOR AT RATED SPEED WITH RATED LOAD		CABLE LEAVING THE SAFETY DRUM _____ INCHES	TURNES REMAINING ON DRUM
	GOVERNOR TRIPPING SPEED TESTED YES NO		TRIPPING SPEED _____ FPM	GOVERNOR ROPE PULL-THROUGH FORCE _____ LBS	SEALED YES NO	
	CAR SLID _____ INCHES AFTER SAFETY APPLIED TO RAILS (AVERAGE OF ALL FOUR MARKS)				BRAKE TEST PERFORMED WITH _____ LBS IN CAR	
	*PLATFORM WAS OUT OF LEVEL _____ INCHES WITH SAFETY DEVICES SET			*TEST PERFORMED WITH _____ LBS (RATED LOAD) IN CAR		
	*ANY DAMAGE OCCUR BECAUSE OF THE SAFETY TEST YES NO			*CAR AND COUNTERWEIGHTS BALANCED WITH _____ LBS IN CAR		
	OIL BUFFERS TESTED AT RATED SPEED AND COMPLY WITH SECTION 8.11.2.3.3 YES NO				ELEVATOR LOSE TRACTION WITH RATED LOAD IN CAR YES NO	
	STANDBY EMERGENCY POWER TEST PERFORMED TO CONFORM TO SECTION 8.11.2.3.5 YES NO					
	CAR SPEEDS EMPTY UP _____ FPM EMPTY DOWN _____ FPM RATED LOAD UP _____ FPM RATED LOAD DOWN _____ FPM					

*(ALSO APPLIES TO ONE MAN HAND POWERED ELEVATOR TESTS EVERY 12 MONTHS)

R 408.7060 HYDRAULIC RATED LOAD RELIEF VALVE TEST - REQUIRED EVERY THREE (3) YEARS

3.	RELIEF VALVE BY-PASS PRESSURE _____ PSI	RATED LOAD WORKING PRESSURE _____ PSI	ARE CAR SAFETIES PRESENT? YES NO	CAR SAFETIES TESTED WITH _____ LBS IN CAR	OVERTRAVEL MEASUREMENT
	CAR SPEEDS EMPTY UP _____ FPM EMPTY DOWN _____ FPM		RATED LOAD UP _____ FPM	RATED LOAD DOWN _____ FPM	
	WAS THERE ANY CHANGE IN THE CAR POSITION WHICH CANNOT BE ACCOUNTED FOR BY VISIBLE OIL LEAKAGE OR TEMPERATURE CHANGE DURING THE STANDING TEST? YES NO				DURATION OF STANDING LOAD TEST

SECTIONS 8.11.2 / 8.11.3 OPERATION UNDER FIRE AND OTHER EMERGENCY CONDITIONS - REQUIRED EVERY 12 MONTHS

4.	FIREFIGHTERS' EMERGENCY OPERATION PROVIDED	YES NO	PHASE I	PHASE II	NONE	FIRE ALARM INITIATING DEVICES (SMOKE DETECTORS)	YES NO
	FIREFIGHTERS' OPERATION FUNCTION PROPERLY	YES NO	STANDBY OR EMERGENCY POWER PROVIDED	YES NO		STANDBY OR EMERGENCY POWER TEST PERFORMED	YES NO
	CHANGES MADE SINCE LAST TEST	YES NO	CHANGES NECESSARY	YES NO			

COMMENTS			
COMPANY CONDUCTING TEST	SIGNATURE OF JOURNEYPERSON	JOURNEYPERSON LICENSE NO.	DATE

THIS AREA TO BE USED BY DEPARTMENT ONLY

SECTION 8.10 ACCEPTANCE TEST - FINAL INSPECTION

INSPECTOR'S NAME	INSPECTOR NUMBER	DATE
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TYPE OF ELEVATOR BEING TESTED PASSENGER FREIGHT OTHER _____		MACHINE TYPE CABLE DIRECT PLUNGER HYDRAULIC ROPED HYDRAULIC		TYPE OF SAFETY BEING TESTED A BROKEN ROPE B RELIEF VALVE C PLUNGER	
LOCATION OF SAFETY DEVICES SAFETY PLANK COUNTERWEIGHT CROSSHEAD CYLINDER		GUIDE RAIL THICKNESS	DISTANCE BETWEEN RAIL GRIPPING FACES OF SAFETY PARTS	TYPE AND NUMBER OF BUFFERS CAR _____ COUNTERWEIGHT _____	
REQUIRED GOVERNOR, BUFFER, CARRIER AND RELIEF VALVE SEALS AND TAGS AFFIXED IN ACCORDANCE WITH THE CODE			YES NO	CAPACITY _____ LBS	RATED SPEED _____ FPM

SECTION 8.11.2.2 NO LOAD SAFETY TEST FOR GOVERNORS, SAFETIES AND OIL BUFFERS - REQUIRED EVERY 12 MONTHS

1.	CABLE LEAVING THE SAFETY DRUM _____ INCHES	GOVERNOR JAWS DROP OF OWN WEIGHT WHEN LATCH WAS RELEASED		YES	NO
	TURNES REMAINING ON DRUM	ALL PARTS OF GOVERNOR AND SAFETY PERFORM THE FUNCTIONS FOR WHICH INTENDED		YES	NO
	CAR AND COUNTERWEIGHT TESTED PER SECTION 8.11.2.2.1		YES	NO	

SECTION 8.11.2.3 RATED LOAD SAFETY TEST FOR GOVERNOR AND SAFETIES - REQUIRED EVERY 5 YEARS

2.	*SAFETY TESTED BY OBTAINING SLACK IN HOIST CABLES		TRIPPING GOVERNOR AT RATED SPEED WITH RATED LOAD		CABLE LEAVING THE SAFETY DRUM _____ INCHES	TURNES REMAINING ON DRUM
	GOVERNOR TRIPPING SPEED TESTED YES NO		TRIPPING SPEED _____ FPM	GOVERNOR ROPE PULL-THROUGH FORCE _____ LBS	SEALED YES NO	
	CAR SLID _____ INCHES AFTER SAFETY APPLIED TO RAILS (AVERAGE OF ALL FOUR MARKS)				BRAKE TEST PERFORMED WITH _____ LBS IN CAR	
	*PLATFORM WAS OUT OF LEVEL _____ INCHES WITH SAFETY DEVICES SET			*TEST PERFORMED WITH _____ LBS (RATED LOAD) IN CAR		
	*ANY DAMAGE OCCUR BECAUSE OF THE SAFETY TEST YES NO			*CAR AND COUNTERWEIGHTS BALANCED WITH _____ LBS IN CAR		
	OIL BUFFERS TESTED AT RATED SPEED AND COMPLY WITH SECTION 8.11.2.3.3 YES NO				ELEVATOR LOSE TRACTION WITH RATED LOAD IN CAR YES NO	
	STANDBY EMERGENCY POWER TEST PERFORMED TO CONFORM TO SECTION 8.11.2.3.5 YES NO					
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3.	RELIEF VALVE BY-PASS PRESSURE _____ PSI	RATED LOAD WORKING PRESSURE _____ PSI	ARE CAR SAFETIES PRESENT? YES NO	CAR SAFETIES TESTED WITH _____ LBS IN CAR	OVERTRAVEL MEASUREMENT
	CAR SPEEDS EMPTY UP _____ FPM EMPTY DOWN _____ FPM		RATED LOAD UP _____ FPM	RATED LOAD DOWN _____ FPM	
	WAS THERE ANY CHANGE IN THE CAR POSITION WHICH CANNOT BE ACCOUNTED FOR BY VISIBLE OIL LEAKAGE OR TEMPERATURE CHANGE DURING THE STANDING TEST? YES NO				DURATION OF STANDING LOAD TEST

SECTIONS 8.11.2 / 8.11.3 OPERATION UNDER FIRE AND OTHER EMERGENCY CONDITIONS - REQUIRED EVERY 12 MONTHS

4.	FIREFIGHTERS' EMERGENCY OPERATION PROVIDED	YES NO	PHASE I	PHASE II	NONE	FIRE ALARM INITIATING DEVICES (SMOKE DETECTORS)	YES NO
	FIREFIGHTERS' OPERATION FUNCTION PROPERLY	YES NO	STANDBY OR EMERGENCY POWER PROVIDED	YES NO		STANDBY OR EMERGENCY POWER TEST PERFORMED	YES NO
	CHANGES MADE SINCE LAST TEST	YES NO	CHANGES NECESSARY	YES NO			

COMMENTS			
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